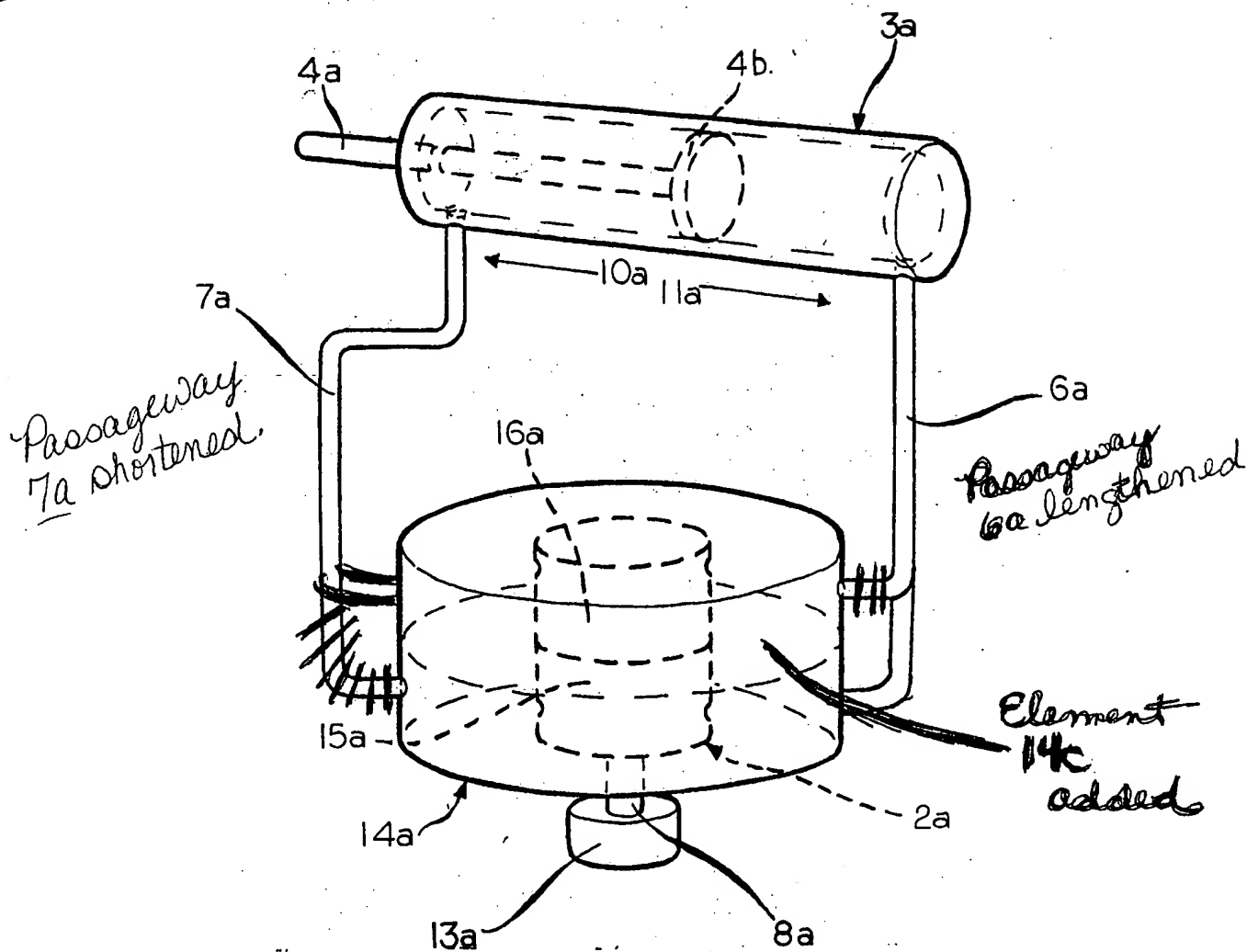




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EXHIBIT A





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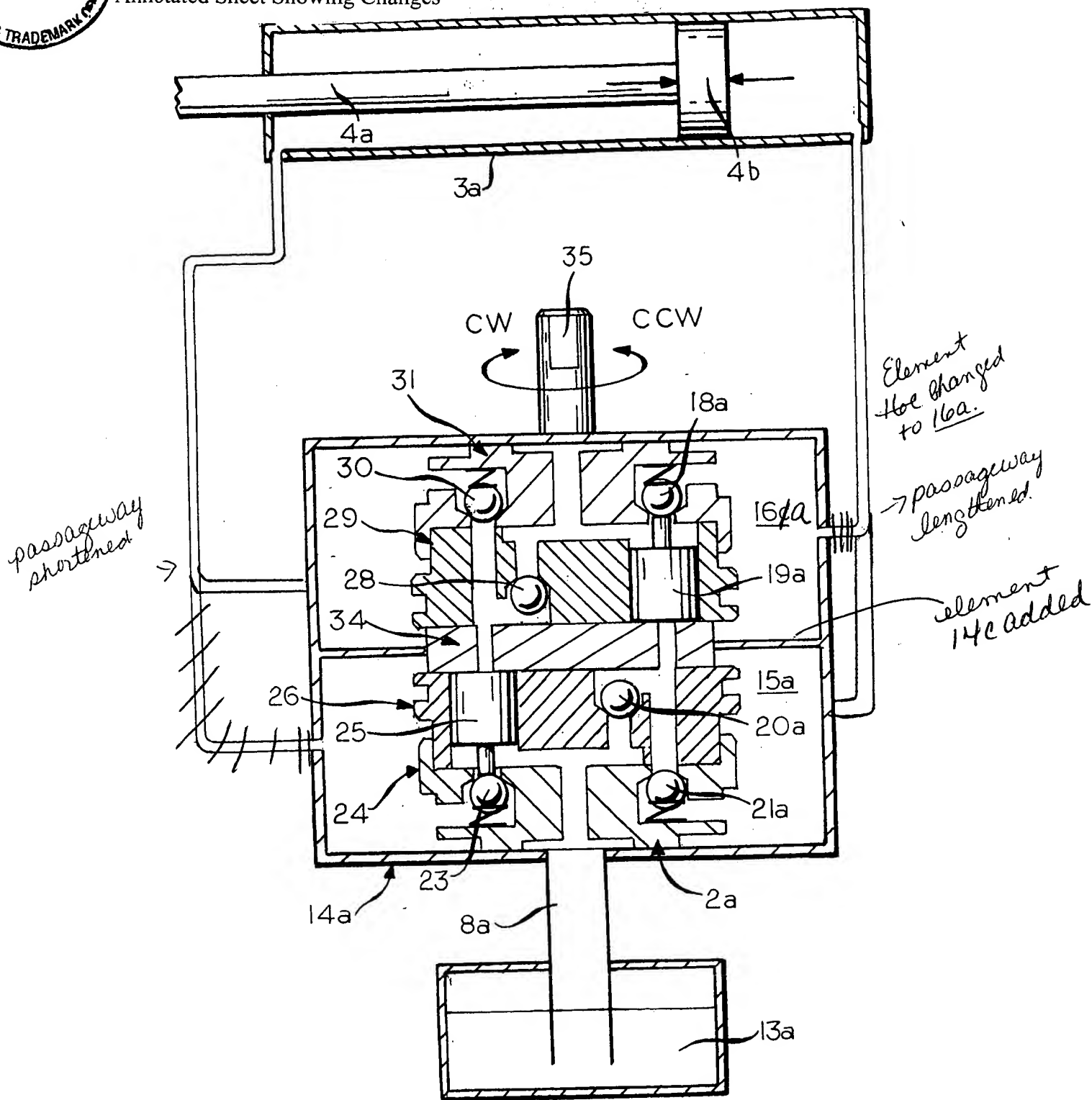


FIG.4

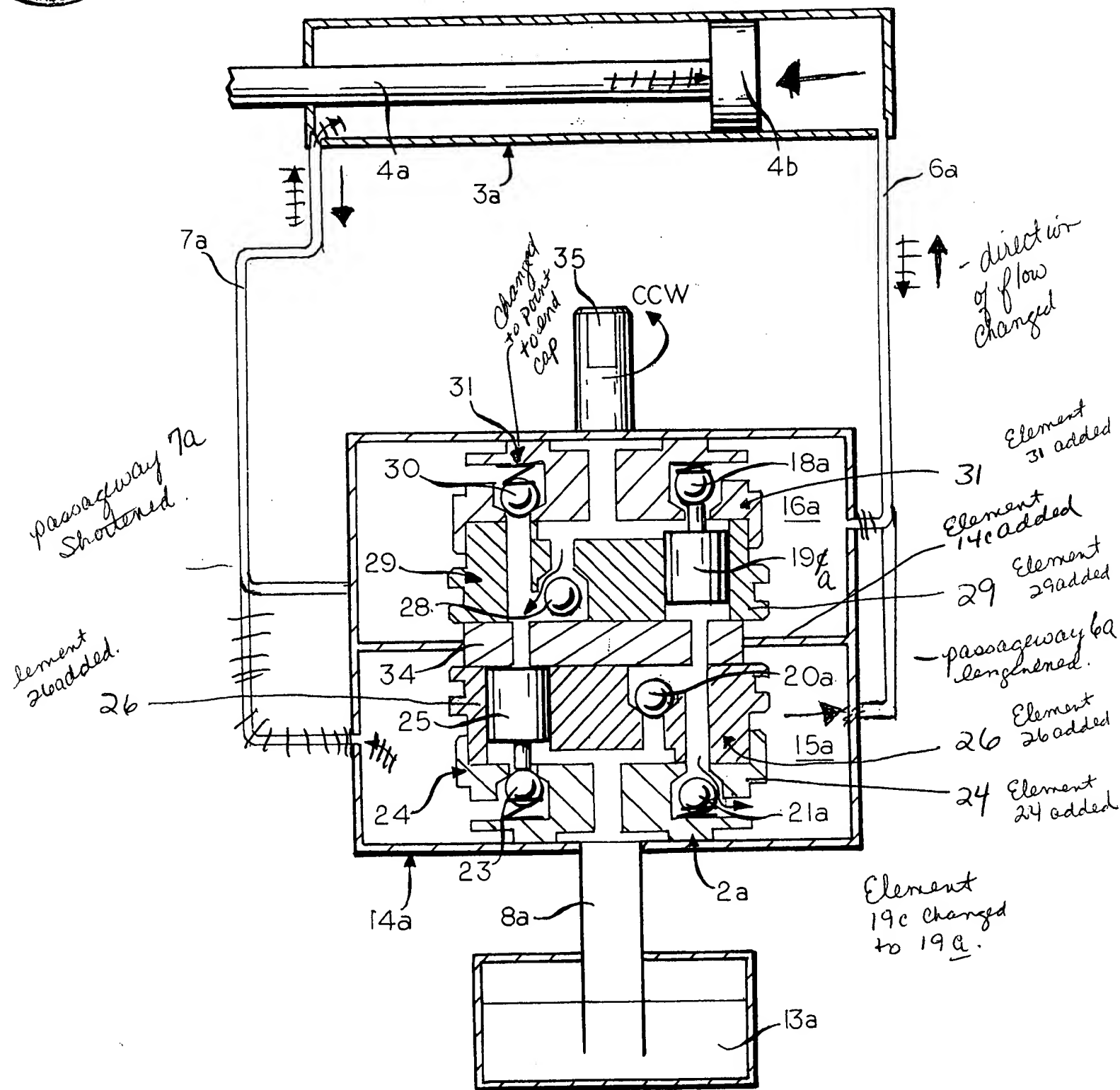


FIG.5

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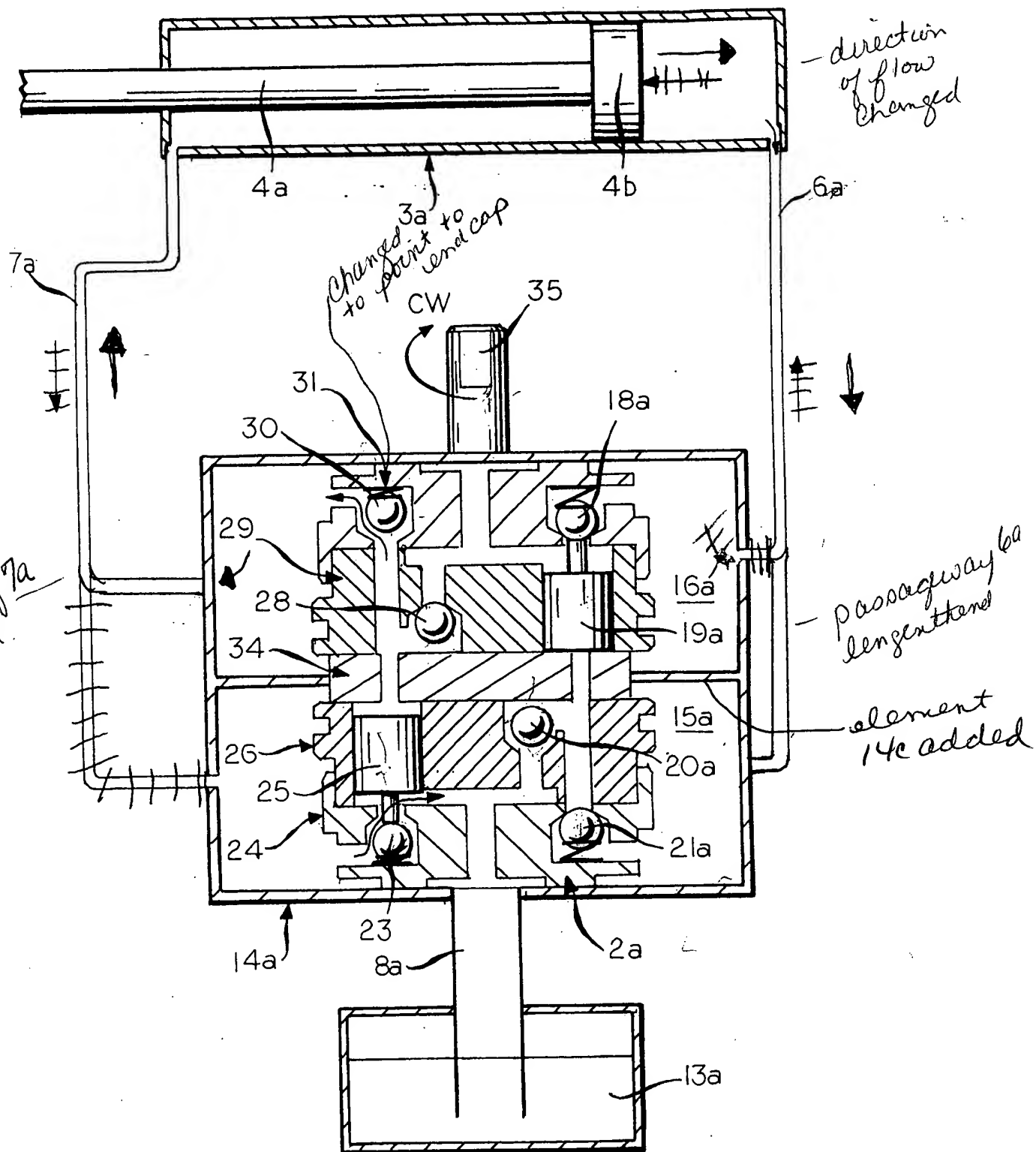
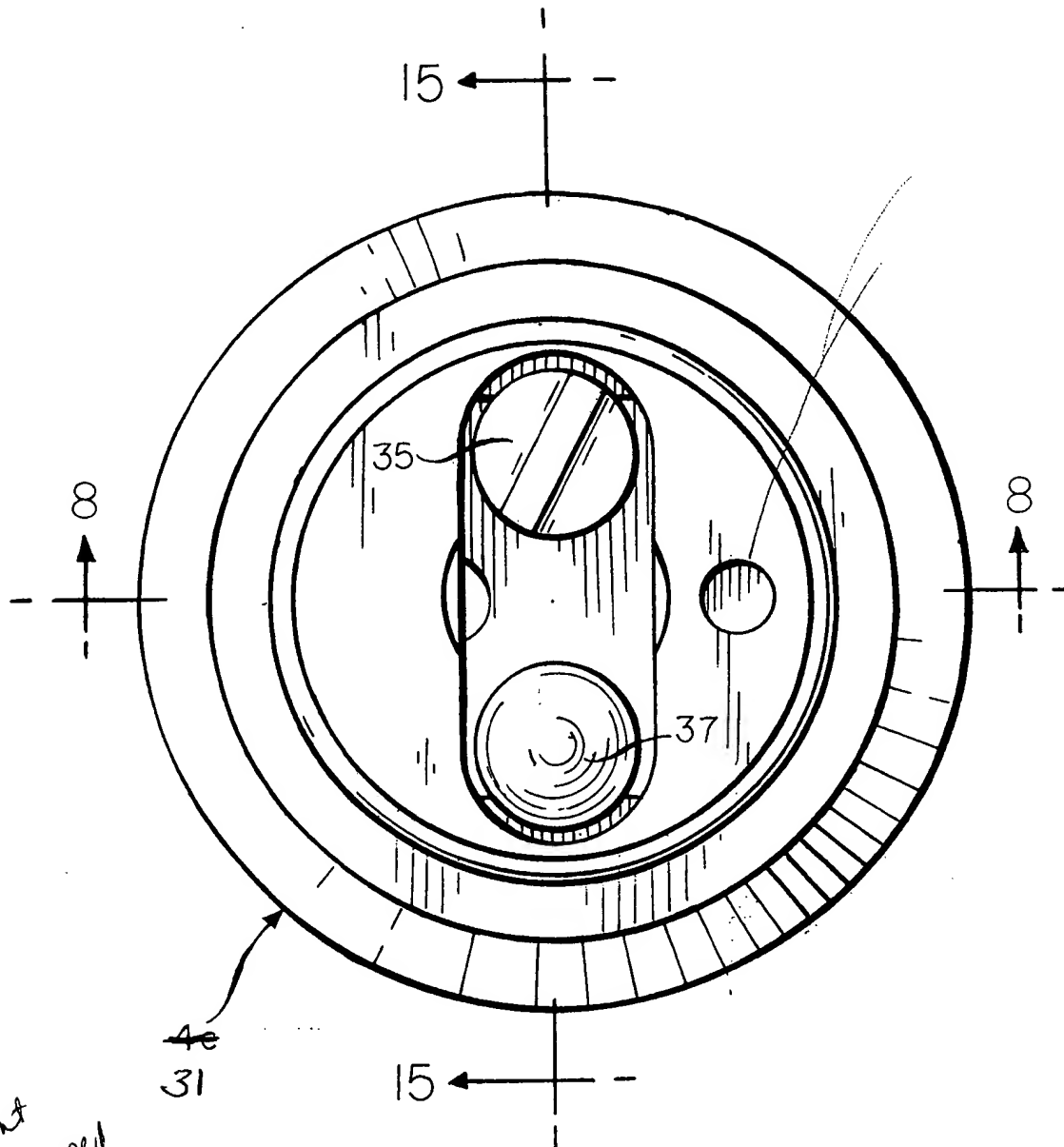


FIG. 6



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Element
4e changed
to 31

FIG.7



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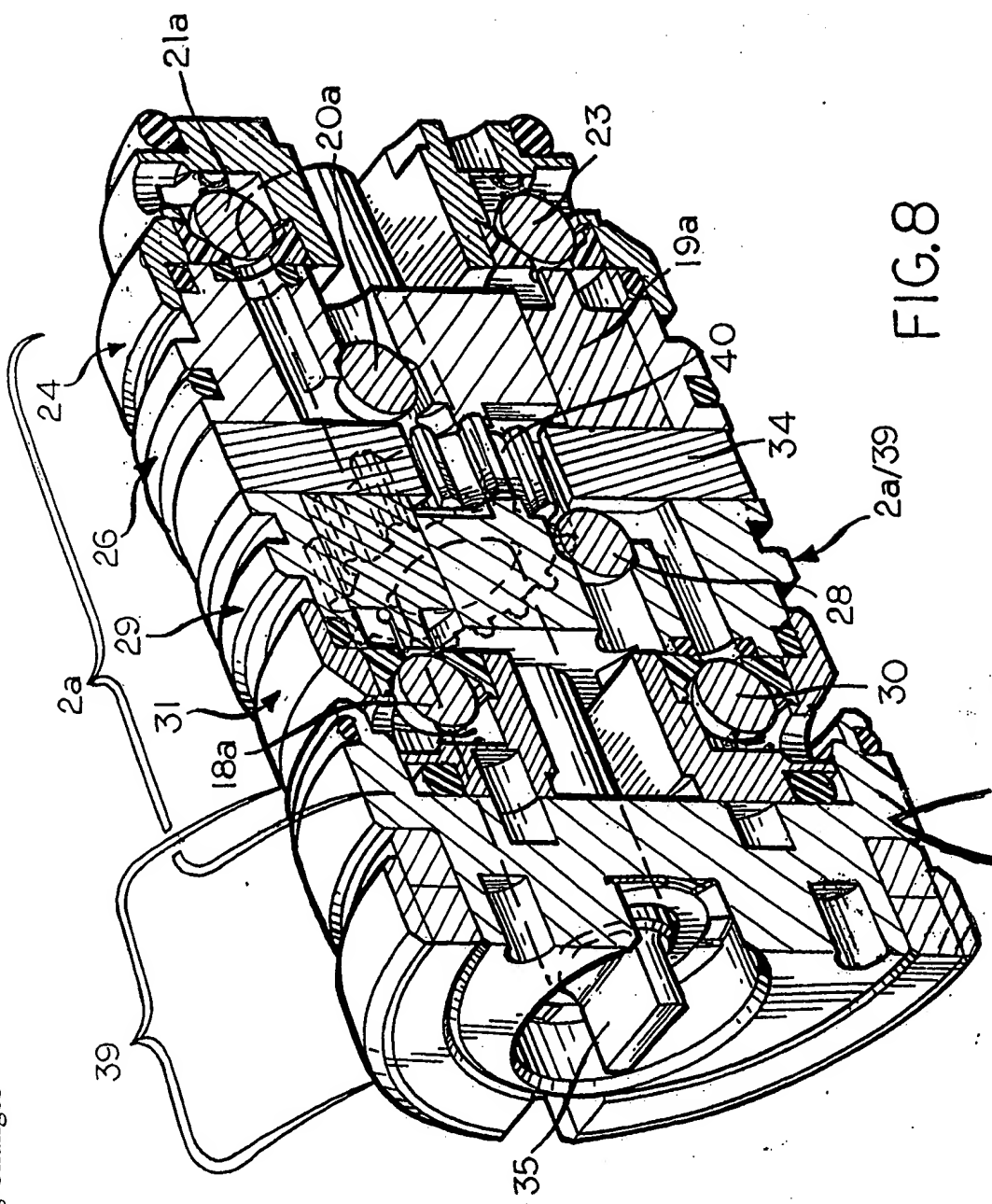


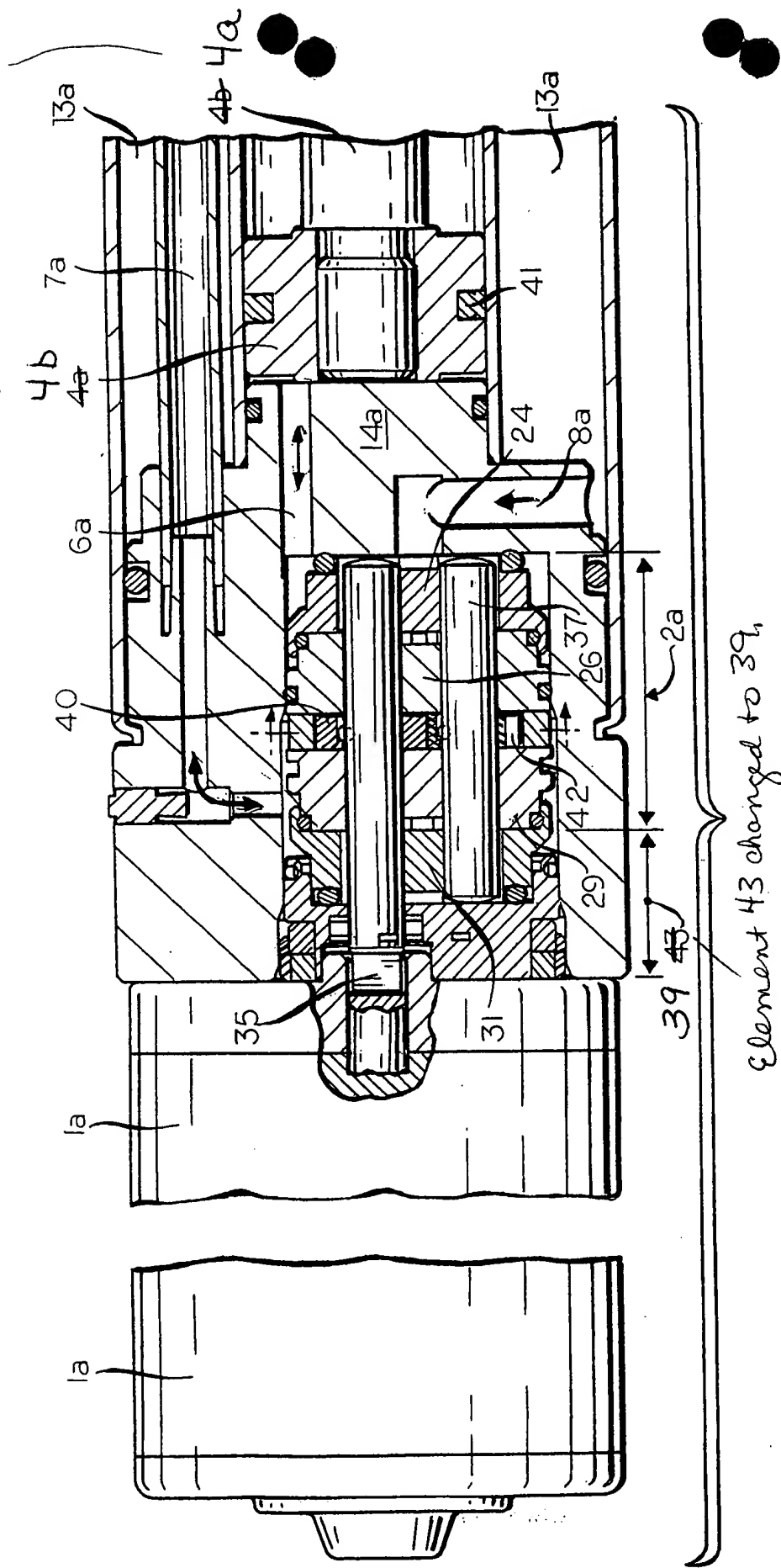
FIG.8

Element
14q added.

14a

Element
4b changed
to 4a.

Element
4a changed
to 4b.



6a changed to 7a

7a

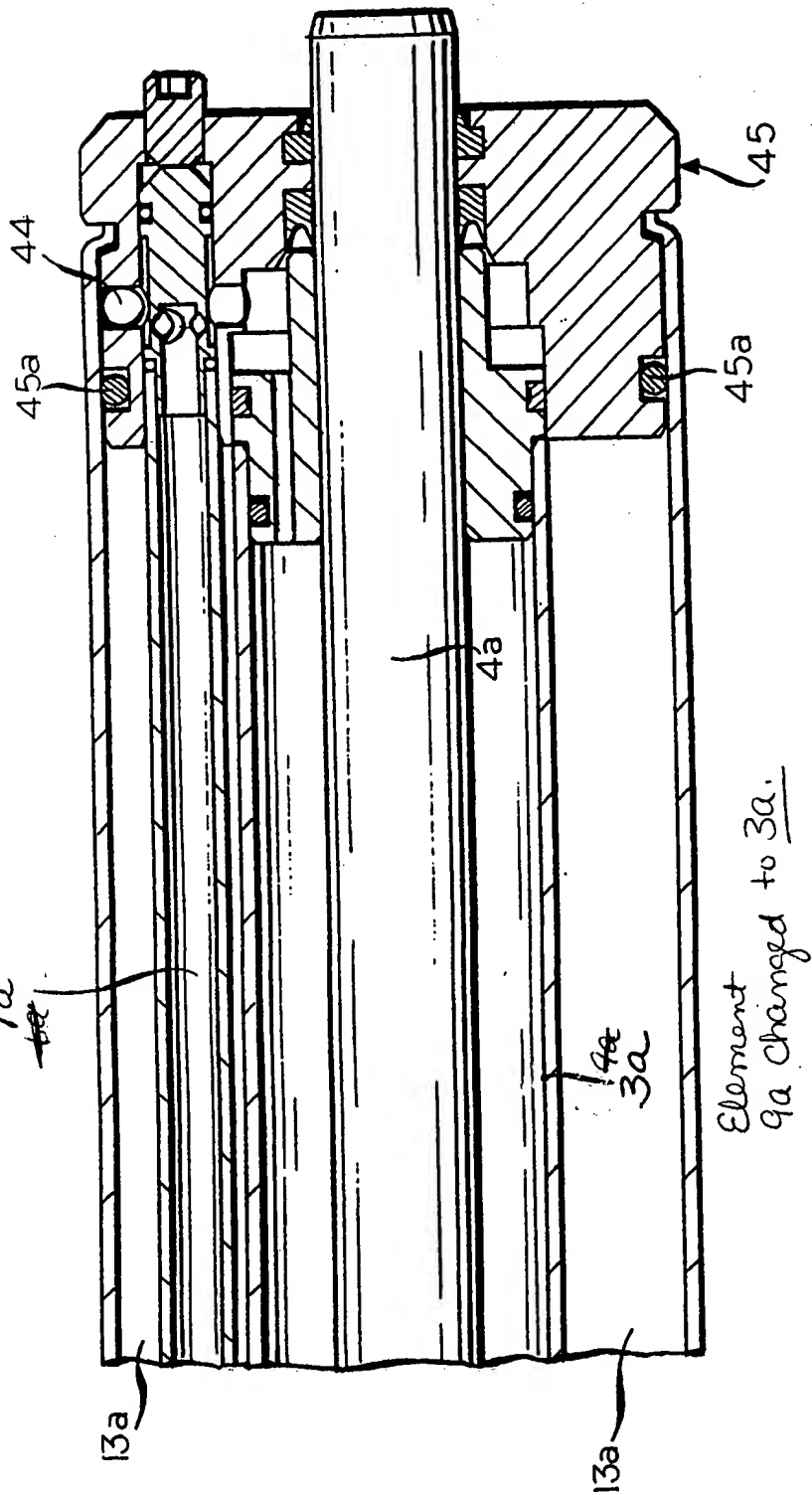


FIG.10



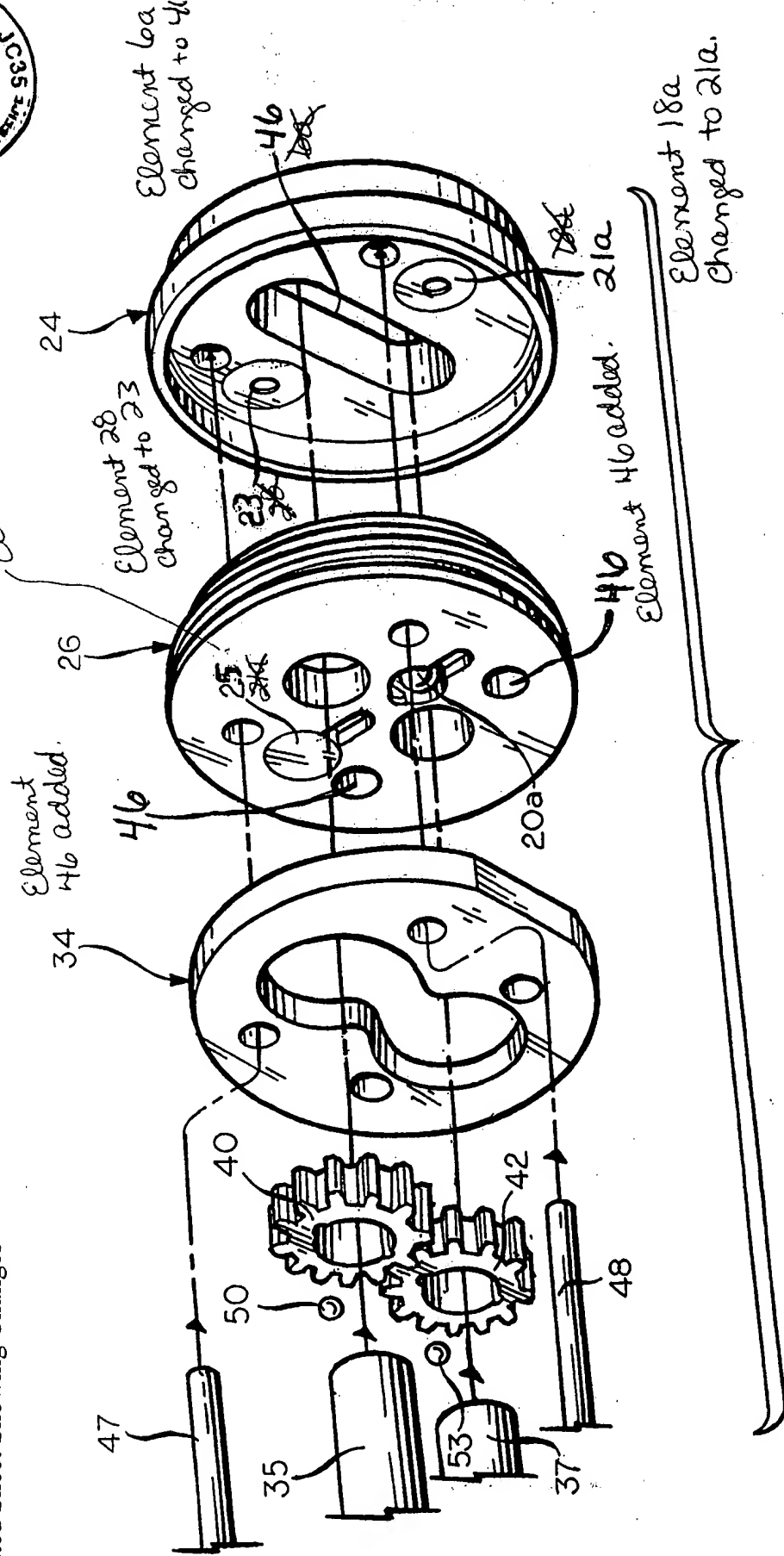


FIG. 12

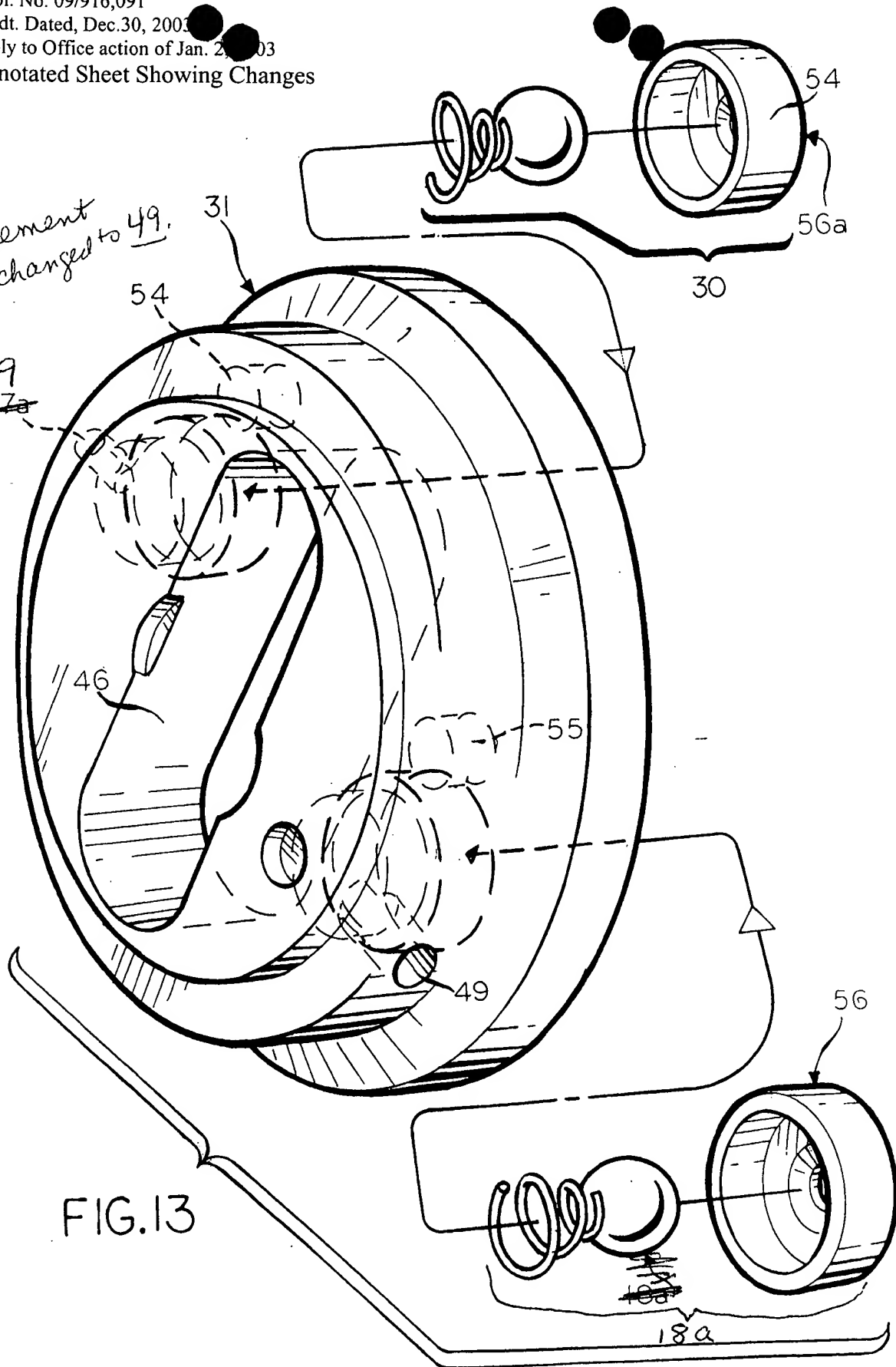


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Element
7a changed to 49.

49
7a

FIG.13



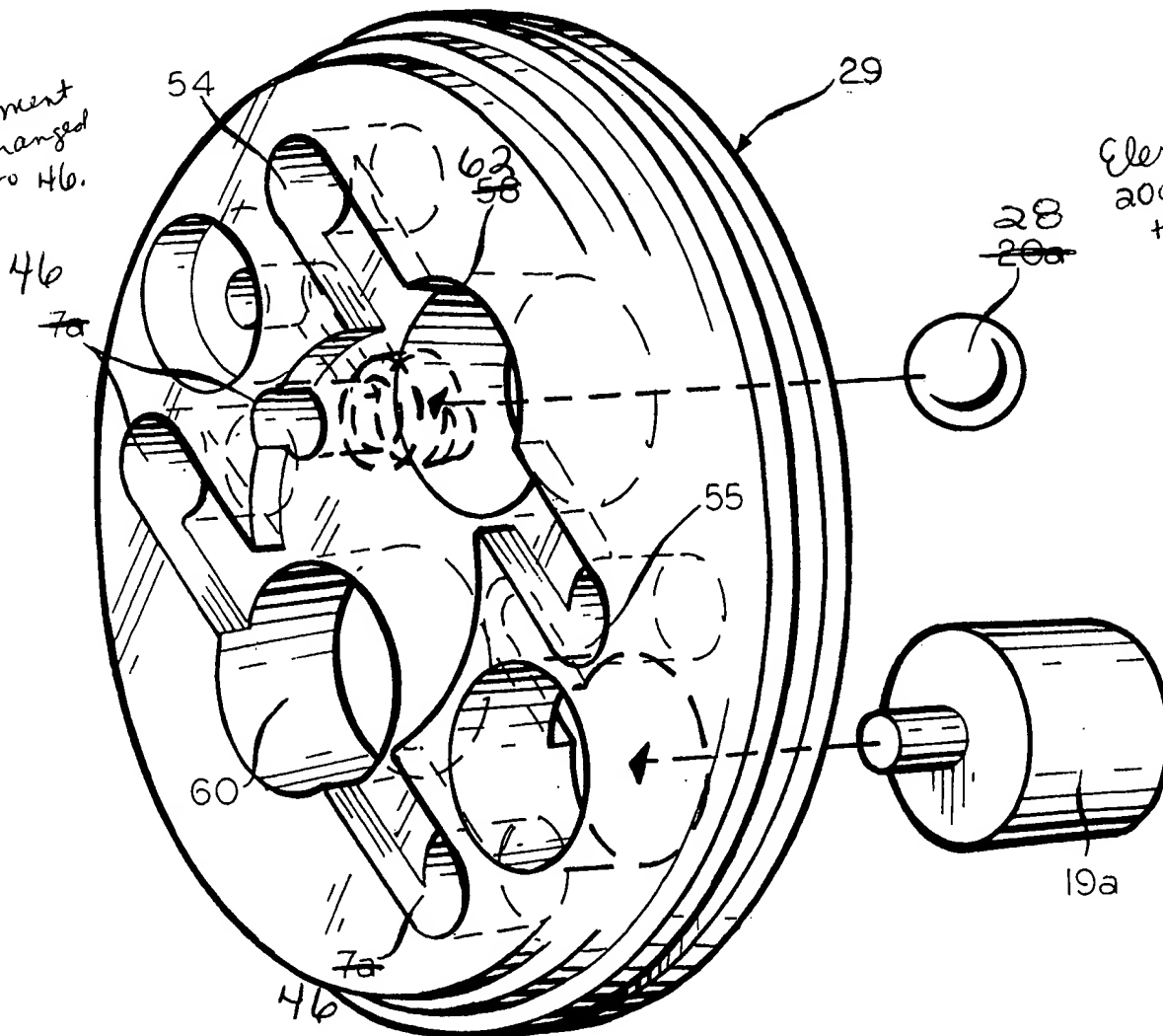
Element 18a changed to
encompass the whole set
appearing in the lower right
hand corner instead of just
the ball itself.



Element
58 changed to 62.

Element
7a changed
to 46.

Element
20a changed
to 28.



Element
7a changed to 46.

FIG.14

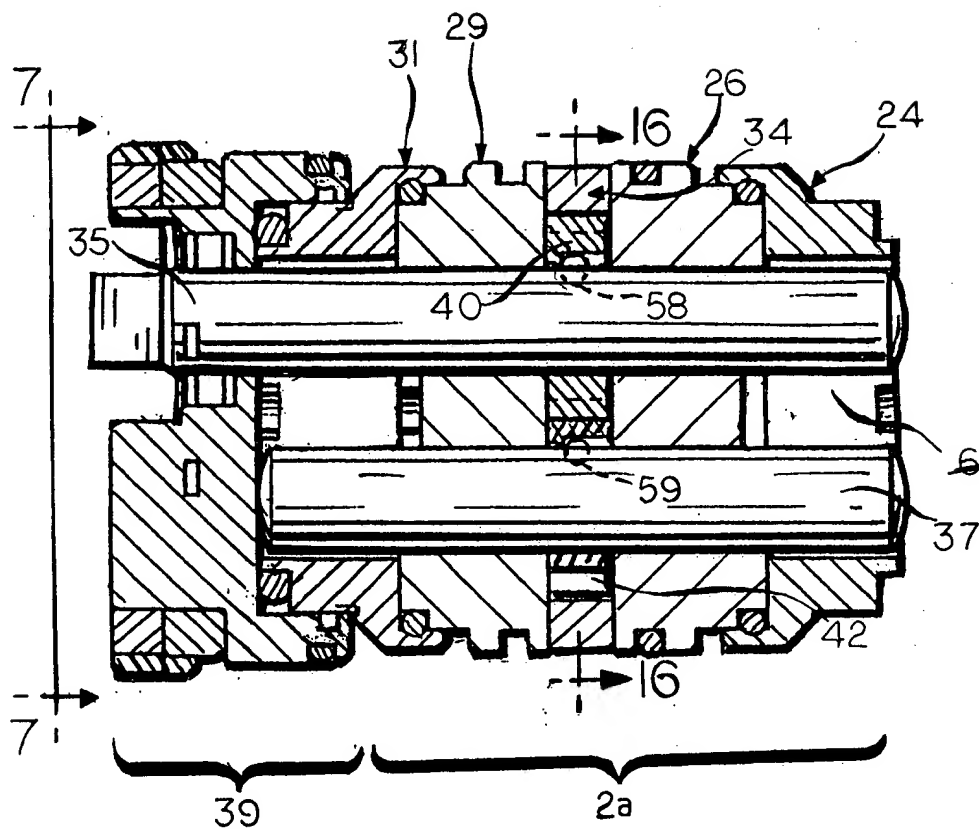


FIG. 15



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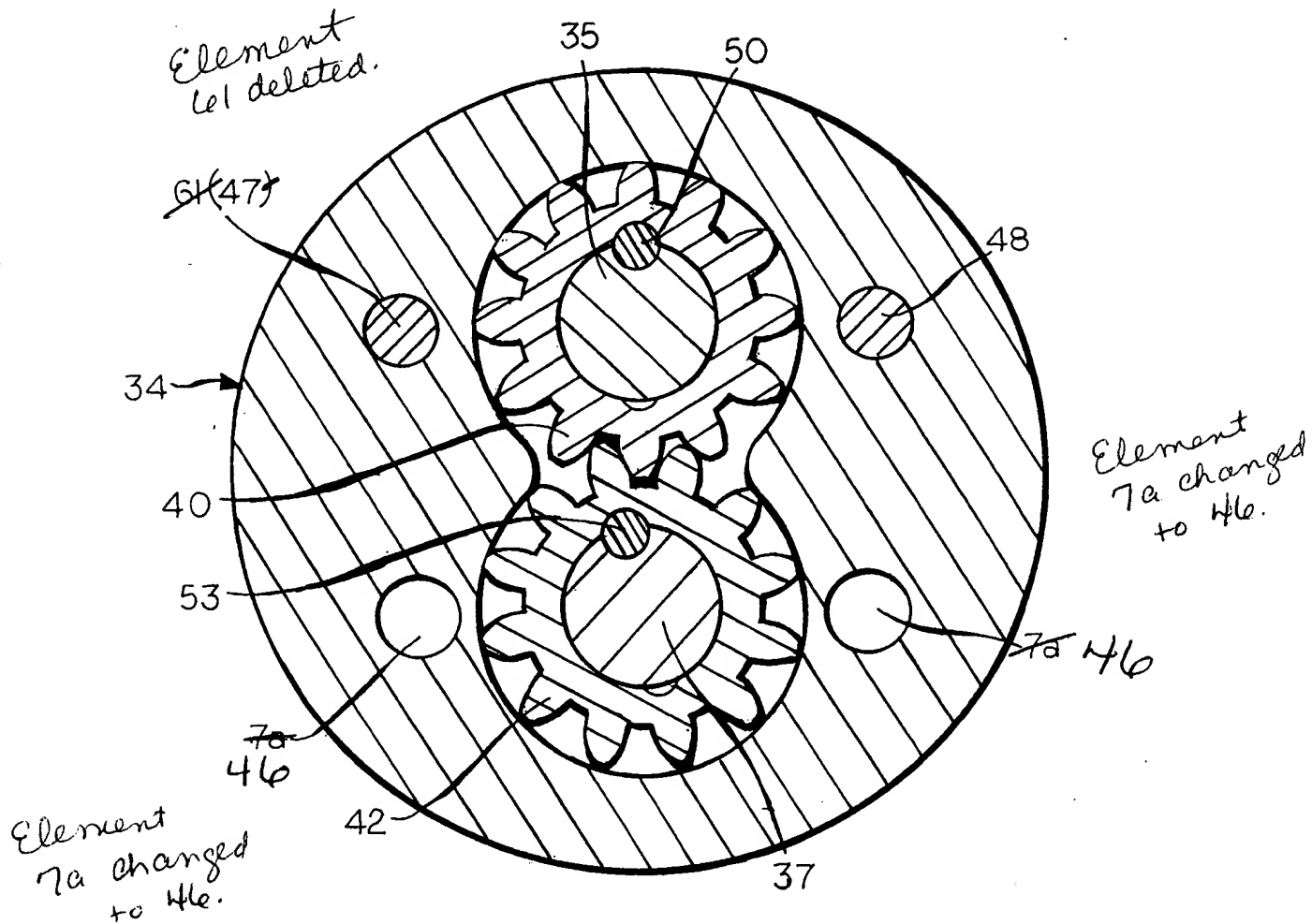
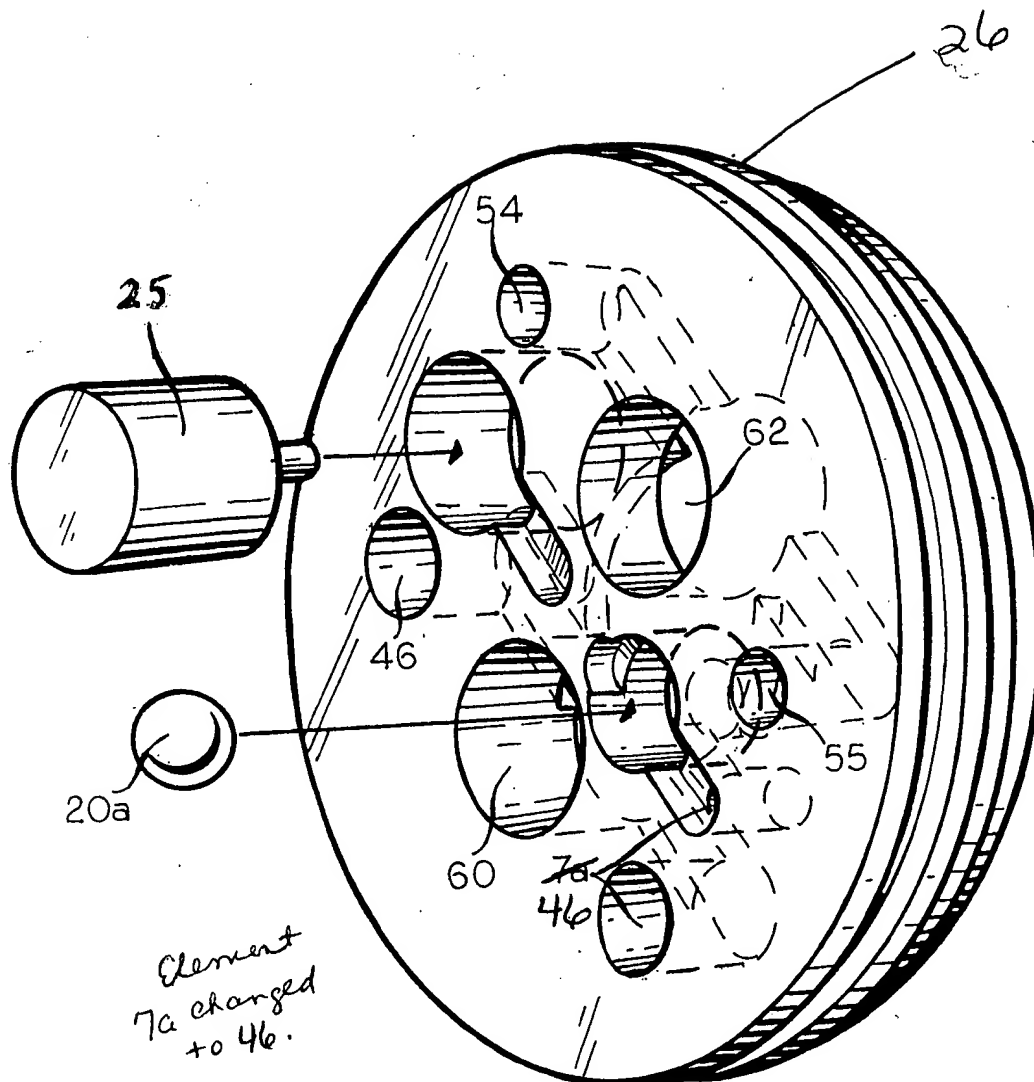


FIG. 16



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*Element
26 added.*



*Element
7a changed
to 46.*

FIG.17



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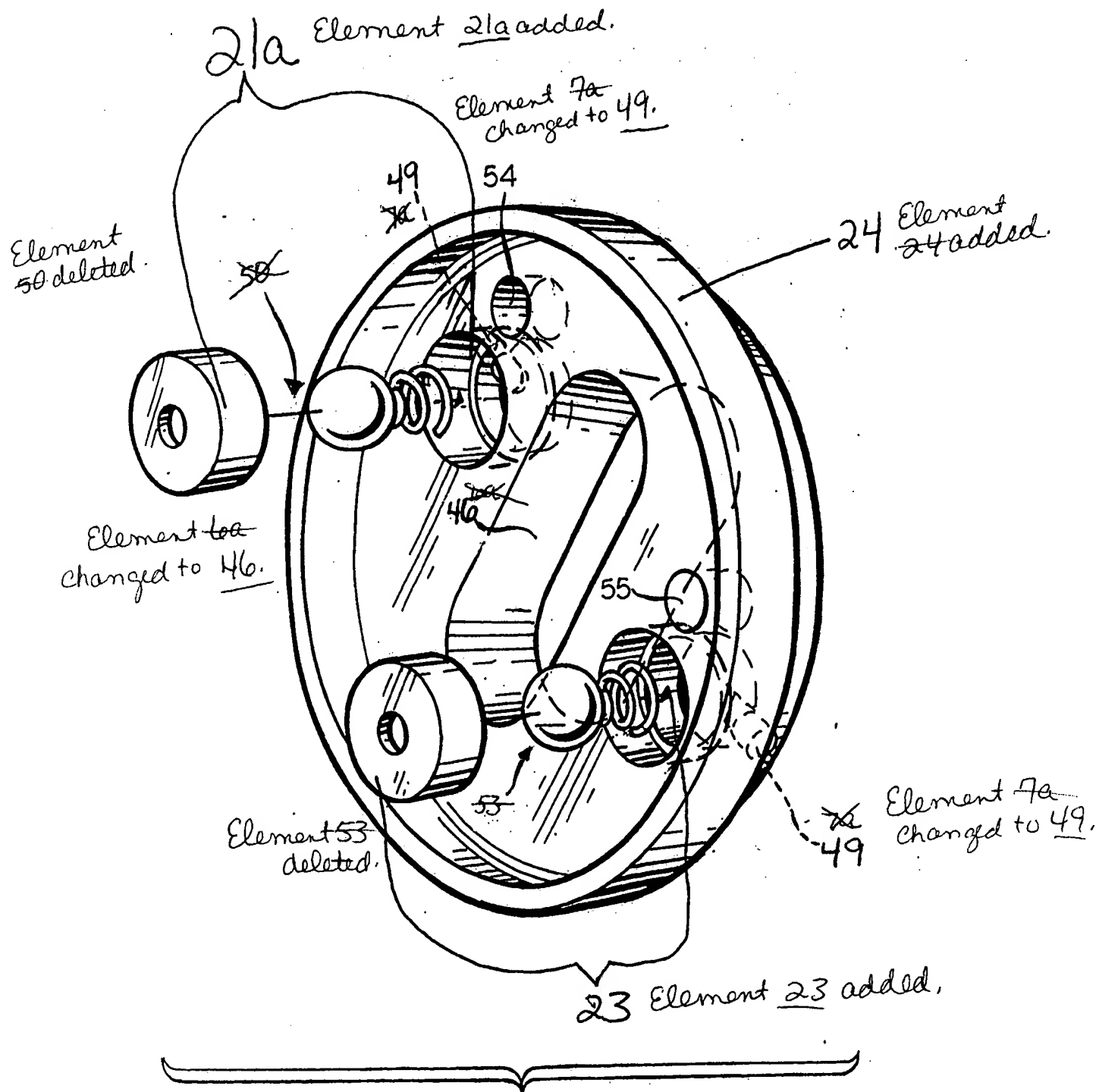


FIG.18

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DOUBLE ACTING BI-ROTATIONAL PUMP

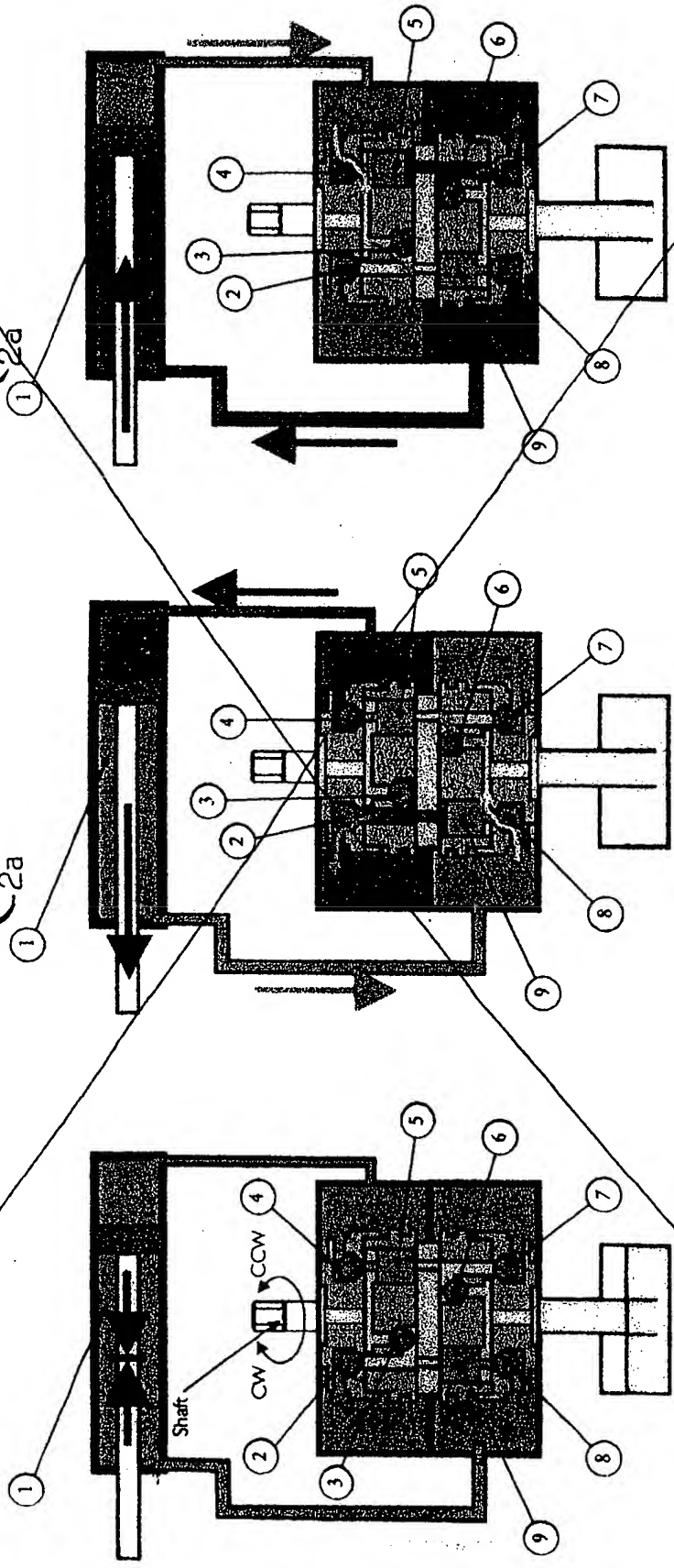
LOCKED-3a

EXTEND-10a

RETRACT-11a

Actuator hydraulically locked in position
 Pump rotating *counter* clockwise

Pump rotating ~~counter~~ clockwise



- Fluid connected to tank
 - Fluid locked in between actuator and pump
 - Fluid in return to tank, low pressure
 - Fluid high pressure working actuator
- 1. Hydraulic actuator
 - 2. Check vlv out for extend
 - 3. Suction check vlv for retract
 - 4. Pilot check vlv for retract
 - 5. Retract pilot piston
 - 6. Suction check vlv for extend
 - 7. Check vlv for retract
 - 8. Pilot check vlv for extend
 - 9. Extend pilot piston

FIG. 19

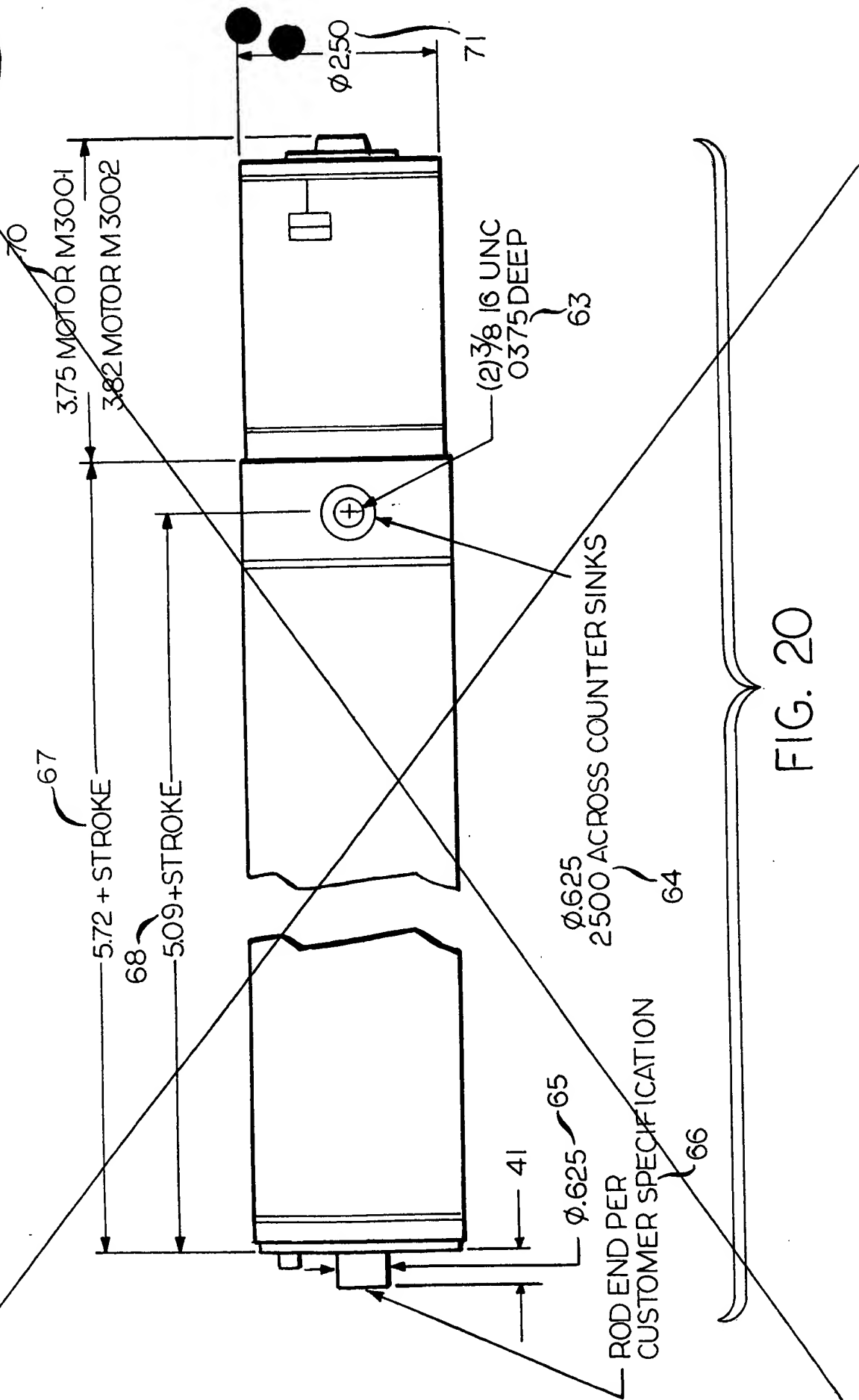


FIG. 20

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 Amdt. Dated, Dec. 30, 2003
 Reply to Office action of Jan. 2, 2003
 Cancelled in its Entirety

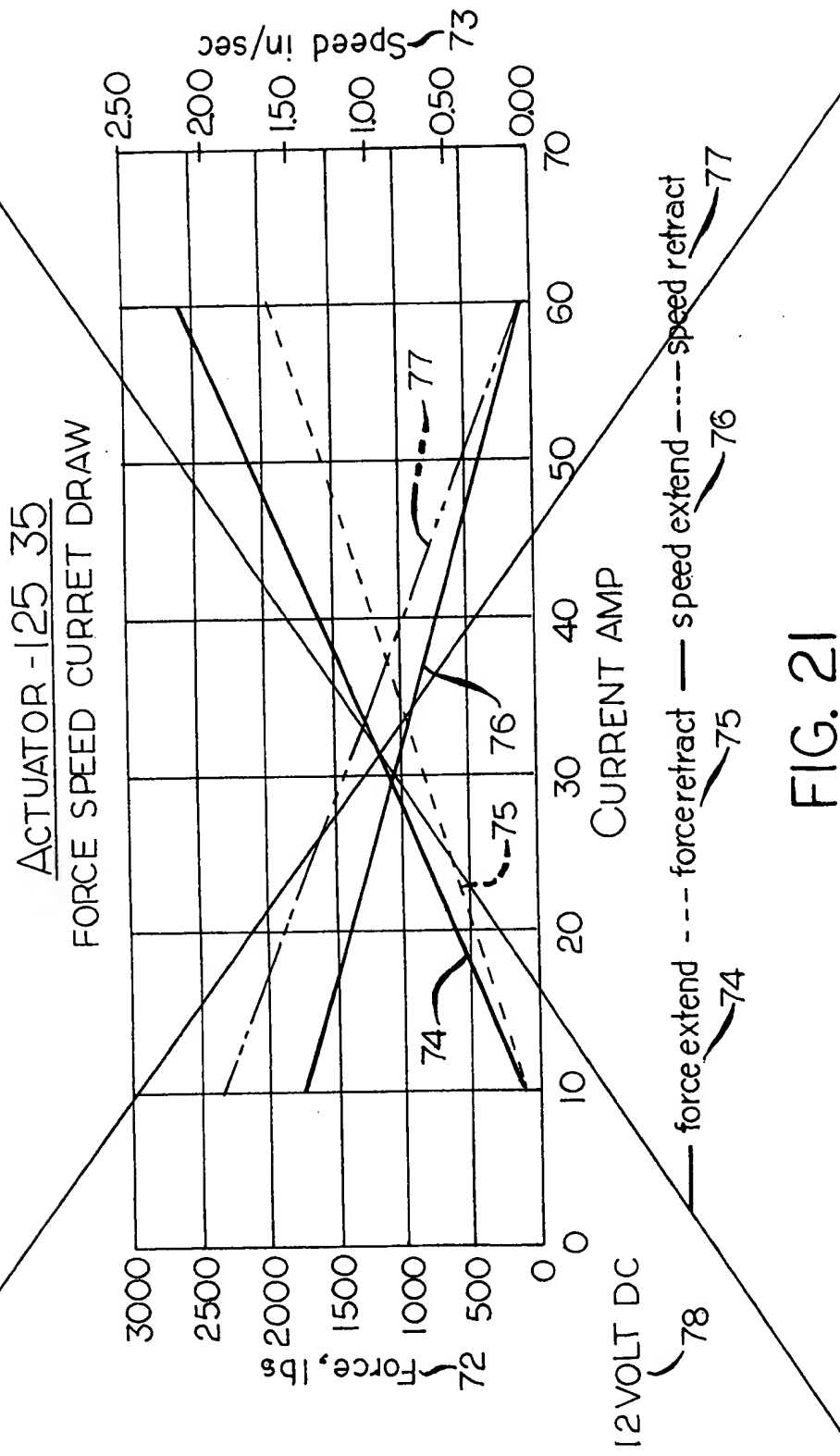


FIG. 21

Appl. No. 09/916,091
 Amended, Dec. 30, 2003
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 Cancelled in its Entirety



3
 ACTUATOR 125 035 WEIGHT

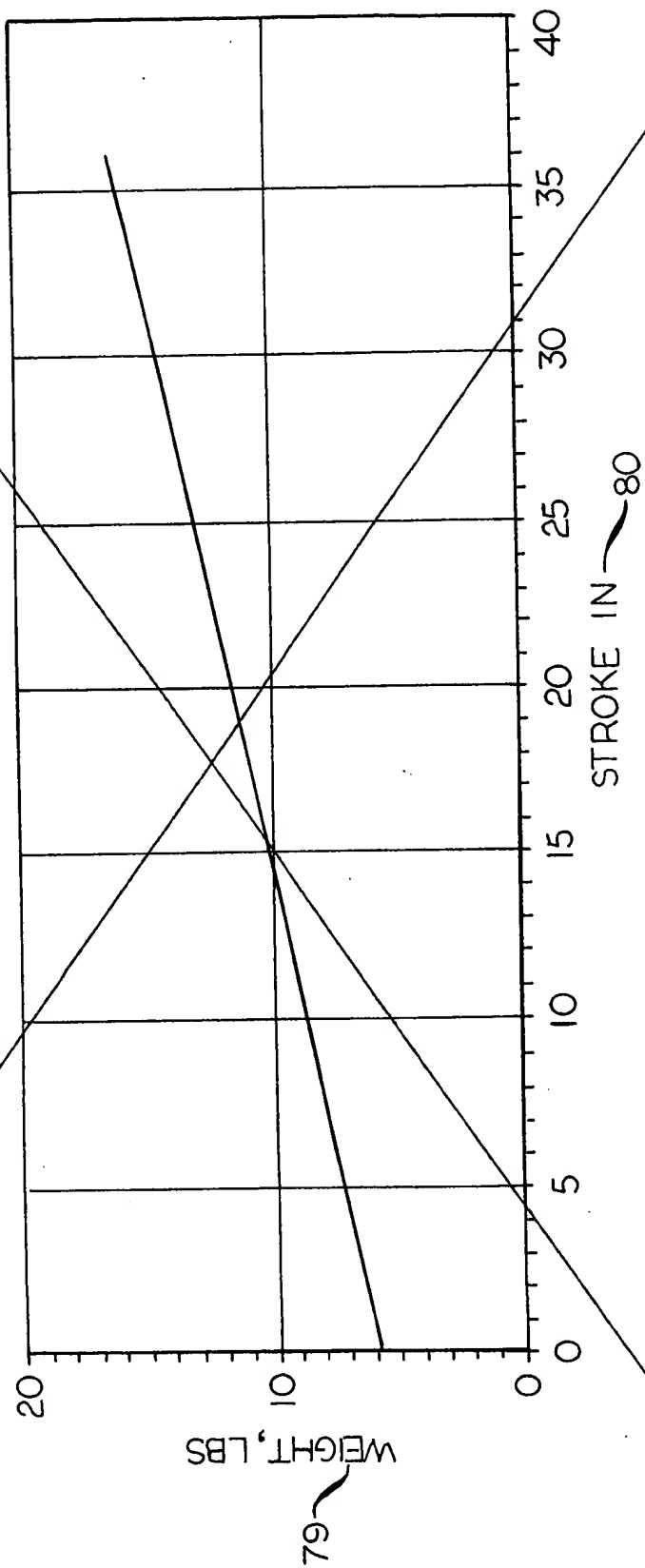


FIG. 22